

Swami Rama Himalayan University

INTRAMURAL RESEARCH PROJECTS- 2023 (Ongoing)

S. No.	Title of Research Project		Principal Investigator	Co-investigator(s)	Funding Agency	Duration
HIMALAYAN INSTITUTE OF MEDICAL SCIENCES (HIMS)						
Sr. No.	Name of Faculty/ Institute	Title of Research Project	Principal Investigator	Co-investigator(s) with designation	Funding Agency	Duration
1	HIMS	Periodontitis and diabetes Bi-directional relationship	Dr. Abhishek Kandwal	Dr. Rajesh Kakkar Dr. R.M Kaushik Dr. Reshma Kaushik Dr. Seema Diwan	SRHU	6 months
2	HIMS	“Study the relationship between Blood Pressure variation of upper extremities and Lipid profile among patients attending cardiac OPD in selected Hospital, Dehradun”	Dr. Anurag Rawat – Cardiology	Mr. Rajesh Sharma Mr. Mahalingam	SRHU	6 Months
3	HIMS	Xanthogranulomatous Cholecystitis Diagnostic challenge and its consequences-A Retrospective study	Dr Hemant Kumar Nautiyal	Dr. Nadia Shirazi Dr. Sunil Saini Dr. P.K Sachan Dr. Manju Saini Dr. Babbar Rehmani Dr. Ruchira Nautiyal Dr. Kartik Nadra	SRHU	6 months
4	HIMS	A study on the molecular epidemiology and viral load of Hepatitis C virus genotypes and subtypes in HIHT	Dr. Aarti Kotwal	Dr. Biswaroop Chatterjee Dr. Rohit Gupta Dr. Vivek Ahuja	SRHU	12 months
5	HIMS	Foreign body bronchus in paediatric patients: 10 years experience from a tertiary care center	Dr. Veena Asthana	Dr. Sanjay Agrawal Dr. S.S Bisht	SRHU	6 months
6	HIMS	Medium term result of lateral column shortening along with poster medical soft tissue release in club feet presenting late up to 8 years, a retrospective analysis	Dr. Chetan Peshin	Dr. Rajesh Maheswari Dr. Anil Juyal	SRHU	15 Days
7	HIMS	Factors associated with treatment failure in young patients treated for head and neck squamous cell carcinoma (HNSCC)- A retrospective study	Dr. Anshika Arora	Dr. Manisa Pattanayk Dr. Neena Chauhan Dr. Navneet Jain Dr. Meenu Gupta Dr. Vipul Nautiyal	SRHU	2 Months
8	HIMS	Voice analysis of dysphonic patients with laryngeal pathology at a tertiary teaching hospital in Uttarakhand.	Dr. Vinish Kumar Agarwal	Dr. S.S Bisht Dr. Bhartendu Bharti	SRHU	6 months
9	HIMS	Correlation of foot length and other neonatal anthropometry with gestation age	Dr. Kunal	Dr. Nitika Agrawal Dr. Anil Rawat Dr. Wasim Sanober Dr. Neerul Pandita Dr. B.P Kalra	SRHU	12 months

10	HIMS	To determine the effect of chemotherapy on Tooth germ development and tooth anatomy in children. A pilot study	Dr. Abhishek Kandwal	Dr. Kunal Das Dr. Vipul Nautiyal Dr. B.P Kalra Dr. S.K Verma Supervisor- Dr. Sunil Saini	SRHU	12 months
11	HIMS	A comparative dosimetric study of two different technique (IMRT Vs 3D-CRT) in left sided breast cancer and correlation of OAR doses with breast volume.	Dr. Vipul Nautiyal	Dr. Meenu Gupta Mr. Ravi Kant Dr. Saurabh Bansal Ms. Jyoti Bisht Mr. P. Henit Raj Dr. Mushtaq Ahmad	SRHU	02 months
12	HIMS	Role of cryotherapy in concurrent chemo-radiation induced oral mucositis in HNC.	Dr. Vipul Nautiyal	Dr. Abhishek Kandwal Dr Kunal Das Dr. Meenu Gupta Dr. Saurabh Bansal	SRHU	12 months
13	HIMS	Dermatoses of pregnancy- a clinical study	Dr. Samarjit Roy	Dr. Rashmi Jindal Dr. Rupali Sharma Dr. Prateek Nagrani	SRHU	12 months
14	HIMS	Trend of Nutrition among Post-operative Pediatric Patients: A Retrospective Study.	Dr. Santosh K Singh	Dr. Kunal Das Dr. Nitika Agrawal Dr. Aisha Naaz	SRHU	2 months
15	HIMS	Abdominal blunt trauma in Children: A single-center experience.	Dr. Santosh K Singh	Dr. Deepak Mittal	SRHU	02 Weeks
16	HIMS	Pattern of inpatient and emergency otorhinolaryngology consultations at a tertiary care teaching hospital in Uttarakhand	Dr. Vinish Kumar Agarwal	Dr. S.S Bisht(Co-Principal) Dr. Mahima Luthra Dr. Manika Teotia	SRHU	6 months
17	HIMS	A study on sentinel lymph node biopsy in node negative carcinoma breast	Dr. Anshika Arora	Dr. Neena Chauhan Dr. Manisa Pattanayak Dr. Babar Rehmani Dr. Hemant Nautiyal Professor Shantanu Sahu Professor P.K Sachan Supervisor- Dr. Sunil Saini	SRHU	24 months
18	HIMS	Validation of new device-SRHU-ARC to assess range of motion of cervical spine.	Dr. Kunal	Dr. Vipul Nautiyal Dr. Manisha Pattayanak Dr. Mustaq Ahmed Dr. Sanjeev Kumar Verma	SRHU	3 months
19	HIMS	Comparison of conventional method versus USG guided parameter as a predictor of weaning from mechanical ventillation	Dr. Sonika Agarwal	Dr. Piyush Dr. Mukta Singh Mr. Pankaj Rana	SRHU	06 months
20	HIMS	Bacteriological profile of neonates with ophthalmia Neonatorum.	Dr. Alpa Gupta	Dr. Renu Dhasmana Dr. Aarti Kotwal Dr. Jyoti Walia Dr. Tarun Singh	SRHU	6 months

21	HIMS	Influenza A (H1N1) vs non-H1N1 ARDS: Analysis of clinical course	Dr. Sonika Agarwal	Dr. Mukta Singh Dr. Sanjeev Mr. Sushant Khanduri Dr. Shikhar Agarwal	SRHU	06 months
22	HIMS	To evaluate efficacy of Surgical incise drapers in controlling intra-operative surgical wound contamination in elective Orthopaedic Surgeries	Dr. Vijendra D Chauhan	Dr. Biswaroop Chatterjee	SRHU	18 months
23	HIMS	Study of Incidence and risk factors for developing Retinopathy of prematurity in a tertiary care hospital of north India- A retrospective study	Dr. Renu Dhasmana	Dr. Alpa Gupta	SRHU	03 months
24	HIMS	Sinonasal Mucormycosis: presentation, progression and prognosis; our experience	Dr. Vinish Kumar Agarwal	Dr. S.S Bisht Dr.Sagar Modi	SRHU	06 months
25	HIMS	Outcome of the dialysis arteriovenous fistula constructed by the nephrologist: A single center experience.	Dr. Shahbaj Ahmad	-	SRHU	01 month
26	HIMS	Retrospective analysis of Antimicrobial resistance pattern in a tertiary care hospital	Dr. Garima Mittal	Dr. RK Agarwal Mr. Rajesh Kumar	SRHU	02 months
27	HIMS	Clinicoradiological profiles of drug sensitive and drug resistant pulmonary tuberculosis with concurrent diabetes mellitus	Dr. Rakhee Khanduri	Dr. Sagar Modi Dr. Varuna Jethani Dr. Mamta Aggarwal Dr. Manoj Kumar	SRHU	15 months
28	HIMS	Prevalence of cytologically diagnosed Thyroiditis (autoimmune) in patients of thyroid diseases presenting in Himalayan Hospital- A retrospective study	Dr. Anuradha Kusum	Dr. S.S Bisht Dr. D S Gaur Dr. Meena Harsh Dr. Smita Chandra Dr. Nadia Shirazi	SRHU	1 year
29	HIMS	Corroborating the correlates of early menarche: A case control study	Dr. Vidisha Vallabh	Dr. Deep Shikha Dr. Jayanti Semwal Dr. Ashok Kumar Srivastava	SRHU	18 months
30	HIMS	Effectiveness of "Cases Based Learning" In improving cognitive skills amongst MBBS Students in Pediatrics: A Pilot study	Dr. Alpa Gupta	-	SRHU	05 months
31	HIMS	Complications of laparoscopic cholecystectomy: Our experience in a tertiary care hospital	Dr. Jitendra Prasad Ray	Dr. Chetna Choudhary Dr. Babar Rehmani Dr. Vinama Mittal	SRHU	12 months
32	HIMS	Efficacy of Prilocain, ketoprofen, Gabapentine and ligocaine gel for attenuating venipuncture pain in adult patients undergoing surgery	Dr. Veena Asthana	Dr.Rohan Bhatia Dr. Harish Koshiyari	SRHU	06 months
33	HIMS	Analyzing the regulation of miRNA-22 in different stages of OSCC(Oral Squamous Cell Carcinoma) patient's samples	P.I at IIT Roorkee Dr. Partha Roy P.I at CRI, HIMS, SRHU Dr. Sunil Saini(Supervisor & Coordination)	Dr. Vipul Nautiyal Dr. Manisa Pattnayak	SRHU	06 months

34	HIMS	Cancer detection using exhaled breath	P.I at IIT Roorkee Dr. Indranil Lahiri P.I at CRI, HIMS, SRHU Dr. Sunil Saini(Supervisor & Coordination) Dhar	IIT: Dr. Patha Roy Dr. Debrupa Lahiri Mr. Siddharth Sharma CRI, HIMS: Dr. Meenu Gupta Dr. Anshika Arora Dr. Rakhee Khanduri	SRHU	06 months
35	HIMS	Evaluation of mobile phone dependence and impact of cell phone usage on health among undergraduate students of different profession: A Cross-Sectional Study	Dr. Abhay Srivastava	Dr. Neha Sharma Dr. Shaili Vyas Dr. Sudip Bhattacharya Dr. A.K Srivastava	SRHU	09 months
36	HIMS	To access the safety and efficacy of tubeless percutaneous nephrolithotomy(PCNL) under regional anesthesia: A single center experience from a tertiary care centre	Dr. Shikhar Agarwal	Dr. Rajeev Sarpal Dr. Rohan Bhatia	SRHU	12 months
37	HIMS	Role of erector spinae plane block for post operative analgesia in patients undergoing percutaneous Nephrolithotomy	Dr. Rohan Bhatia	Dr. Veena Asthana Dr. Rajeev Sarpal	SRHU	03 months
38	HIMS	Clinico-etio-pathological study of neck swellings in children	Dr. Lovneesh Kumar	Dr. S.S Bist Dr. Alpa Gupta Dr. Gunjan Dhasmana	SRHU	06 months
39	HIMS	Role of Intact parathormone (IPTH) estimation as an early predictor of postoperative hypocalcemia following completion/total thyroidectomy	PI Updated: Dr. S.S Bisht	-	SRHU	2 Years
40	HIMS	A retrospective study of spectrum of neck swellings in children and their outcome.	Dr. Santosh Kumar Singh	-	SRHU	02 month
41	HIMS	Pattern of intestinal obstruction in pediatric population: A single-centre experience.	Dr. Santosh Kumar Singh	-	SRHU	02 month
42	HIMS	Comparison of BISAP score with simplified admission criteria in pre estimating the severity of acute pancreatitis in a teaching hospital	Dr. Chetna Chaudhary	Dr. Karamjot Singh Bedi Dr. Shantanu Sahu	SRHU	06 months
43	HIMS	Evaluation of clinical profile and functional outcome following surgical intervention in third ventricular colloid cyst: An institutional experience	Dr. Ranjit Kumar	Dr. Sanjeev Kumar Pandey Dr. Brijesh Kumar Tiwari	SRHU	01 month
44	HIMS	Is Digital learning A Boon or Bane? Gauging into the perception of students and teachers regarding digital learning during the CoVID-19 pandemic	Dr. Shaili Vyas	Dr. Neha Sharma Dr. Abhay Srivastava	SRHU	04 months
45	HIMS	Evaluation of clinical profile, radiological and functional outcome following Anterior Cervical Discectomy (ACDF) for cervical compressive myelopathy	Dr. Ranjit Kumar	Dr. Sanjeev Kumar Pandey Dr. Brijesh Kumar Tiwari	SRHU	1 month
46	HIMS	Evaluation of clinical profile, radiological and functional outcome following Transforaminal Lumbar Interbody Fusion (TLIF): An Institutional Experience	Dr. Ranjit Kumar-Neurosurgery	Dr. Sanjeev Kumar Pandey Dr. Brijesh Kumar Tiwari	SRHU	1 month

47	HIMS	Decompressive craniectomy for malignant middle cerebral artery (MCA) territory infarct: An institutional experience	Dr. Ranjit Kumar	Dr. Sanjeev Kumar Pandey Dr. Brijesh Kumar Tiwari	SRHU	1 month
48	HIMS	Motor and cognitive outcome with without multi-dimensional neuro-protection in patients of acute ischemic stroke	Dr. Deepak Goel	Dr. Yashpal Singh Dr. Manish Mittal Dr. Malini Srivastava Abhishek Sharma	SRHU	12 months
49	HIMS	Sero-surveillance study of SARS CoV-2 antibodies in health care workers of a tertiary care hospital of Uttarakhand, India	Dr. Garima Mittal	Dr. A. K Shrivastava Dr. Sohaib Ahmad Dr. Rakhee Khanduri Dr. Varuna Jethani Dr. Rajender Singh	SRHU	03 months
50	HIMS	Physiologic & Psycho somatic effect on long term use of face masks among medical healthcare providers	Dr. Yogesh Saxena	Dr. Mohd. Yusuf Mrs. Jaibunisha Ahmad Mrs. Madhu Gaur	SRHU	08 months
51	HIMS	An observational study to assess clinical profile and outcome of treatment in employees infected with COVID 19 in a tertiary care hospital of Uttarakhand, India	Dr. Rakhee Khanduri	Dr. Sushant Khanduri Dr. Sohaib Ahmad Dr. Kanchan Bala Dr. Shaili Vyas Dr. Prachi Kala Dr. Manvendra Prof. Deepak Goel	SRHU	12 months
52	HIMS	Study the correlation between the radiological features and pulmonary functions with SARS-CoV-2 antibodies in healthcare workers of a tertiary care hospital of Uttarakhand.	Dr. Varuna Jethani	Dr. Sanjeev Kumar Dr. Rakhee Khanduri Dr. Suchita Pant Dr. Garima Mittal Dr. A. K Srivastava Dr. Mamta Goyal	SRHU	06 months
53	HIMS	Clinical and radiological characteristics of patients with active tuberculosis (pulmonary and extrapulmonary) co-infected with SARS-Cov2 in a tertiary care hospital of Uttarakhand, India	Dr. Varuna Jethani	Dr. Rakhee Khanduri Dr. A. K Srivastava Dr. Sanjeev Kumar Dr. Suchita Pant Dr. Mamta Goyal Dr. Aarti Kotwal	SRHU	06 months
54	HIMS	Evaluate the outcome of intramedullary interlocking nailing for fractures of distal 3rd of tibia in adult population	Dr. Chetan Pehsin	-	SRHU	06months
55	HIMS	In-vitro activity of Ceftazidime-Avibactam against ESBL producing Enterobacteriaceae, Carbapenem Resistance Enterobacteriaceae (CRE) and MDR P. aeruginosa pathogens isolated from various clinical samples of ICU patients of tertiary care hospital, Dehradun.	Dr. Rajender Singh	Dr. Barnali Kakati Dr. Garima Mittal	SRHU	06 months
56	HIMS	Clinico radiological profile of patients with covid antibodies attending a tertiary care hospital of Uttarakhand: An Ambidirectional study	Dr. Rakhee Khanduri	Dr. Varuna Jethani Dr. Sushant Khanduri Dr. Garima Mittal Dr. Shaili Vyas Dr. Prachi Kala Dr. Sanket Joshi	SRHU	1year 6 months

57	HIMS	Evaluation of doses to organs at risk (OAR) at different locations of thoracic site using a locally fabricated tissue equivalent phantom and their comparison with doses calculated by Treatment Planning System(TPS): A Pilot Study	Mr. Ravi Kant	Dr. Meenu Gupta Dr. Vipul Nautiyal Dr. Satish Uniyal Dr. Jyoti Bist Mr. Rishabh Dobhal Dr. Sunil Saini	SRHU	06 months
58	HIMS	Intratympanic steroid injection in sudden severe sensorineural Hearing loss.	Dr. Vinish Kumar Agarwal	Dr. S. S Bisht Mr. Mukesh Sharma	SRHU	04 months
59	HIMS	Development of an effective, safe and cost efficient hand rub sanitizer	Dr. Garima Mittal	Dr. Rajender Singh Dr. Naresh Khanduri Dr. D.C Dhasmana Dr. Rashmi Jindal	SRHU	03 months
60	HIMS	A Study of serum N- Terminal (NT) pro B type Natriuretic Peptide (NP) and its relation to Pre-Eclampsia.	Dr Kiran Bhat	Dr. Ruchira Nautiyal Dr. Anshul Mohan Kala	SRHU	1year 6months
61	HIMS	Predicting Blood levels of Hemoglobin & Bilirubin using Photographic images of eye: A machine learning approach.	Dr. Nikku Yadav	Dr. Yogesh Saxena Dr. Mansi Kala	SRHU	01 Year
62	HIMS	Creating and evaluating an image/ video-based E-teaching module for final year medical students on diseases of the "posterior segment of eye.	Dr. Renu Dhasmana	-	SRHU	10 months
63	HIMS	Dermoscopic characterization of guttate psoriasis, pityriasis rosea and pityriasis lichenoids chronica: An observational study	Dr. Rashmi Jindal	Dr. Payal Chauhan	SRHU	02 months
64	HIMS	Knowledge, perception and practices of acne among the Youth in India: A cross-sectional online survey	Dr. Rashmi Jindal	Vani Verma MBBS Student	SRHU	03 months
65	HIMS	Prevalence of pancreatic carcinoma in patients attending Himalayan Hospital	Dr. Anshul Mohan Kala	Dr. Kiran Bhat Dr. Vipul Nautiyal	SRHU	2 years
66	HIMS	Comparative study of anxiety and depression symptoms among healthy and COVID 19 patients during and after treatment.	Dr. Priyaranjan Avinash	Dr. Rohit Gondwal JR	SRHU	01 month
67		Fungal diversity seen among suspected pneumonia patients seen in tertiary hospital India with special focus yeast isolates along with its antifungal susceptibility testing	Dr. Rajender Singh	Mr. Bhupendra Chauhan	SRHU	1 Year
68	HIMS	Studies on different type of Fungi in patients with special focus on Mucormycosis in suspected and confirmed COVID-19 patients in the tertiary care hospital.	Dr. Rajender Singh –Microbiology Dr. Vijay Kumar-Biosciences	Dr. Garima Mittal Dr. Barnali Kakati Dr. Akhilesh Kumar Dr. Vivek Kumar	SRHU	02 Years
69	HIMS	Analysis and preservation of nucleic acid samples of COVID-19 for genomic studies	Dr. Vijay Kumar-Biosciences Dr. Barnali –Microbiology	Dr. Garima Mittal Dr. Rajender Singh Dr. Akhilesh Kumar Dr. Sanjay Gupta	SRHU	02 Years

70	HIMS	Her2Neu status of breast cancer & its correlation with lymph node metastasis and bilaterally	Dr. Anuradha Kusum	Dr. Meena Harsh Dr. Smita Chandra Dr. Nadia Shirazi	SRHU	02 years
71	HIMS	Frequency of antinuclear autoantibodies in asymptomatic SARS-CoV-2 infected individuals- A prospective study	Dr. Aarti Kotwal	Dr. Yogesh Preet Singh Mr Vikram Sethi	SRHU	03 years
72	HIMS	Clinico-pathological characteristics and immunochemistry in lung carcinoma	Dr. Smita Chandra	Dr. Anuradha Kusum Dr. Rakhee Khanduri	SRHU	03 years
73	HIMS	Analysis and correlation of viral loads in NAAT yield and Sero-yield in Tranfusion Transmitted Infection(TTI) testing in blood donors of Uttarakhand	Dr. Yashaswi Dhiman	Dr. Manish Raturi Dr. Anuradha Kusum Dr. Aarti Kotwal	SRHU	02 years
74	HIMS	Microbiological profile and antimicrobial resistant pattern in blood culture isolates of intensive care unit in a tertiary care center.	Dr. Barnali Kakati	Dr. Nupur Koul	SRHU	02 years
75	HIMS	Analysis of Glycemic Control & Lipid Profile in Health Care Professionals in Medical College of Uttarakhand before, during & after the Covid Pandemic	Dr. Mayank Kumar Singh	Dr. Anita Sharma	SRHU	02 years
76	HIMS	Investigatory question of a correlation of microbiological analysis and radiological finding of COVID-19 infected-A retrospective study from a tertiary care hospital.	Dr. Aarti Kotwal	Dr. Shailendra Raghuvanshi Dr. Sushant Khanduri Dr. Rakhee Khanduri Mr. Vikram Sethi Mr. Abhishek Patras	SRHU	06 months
77	HIMS	SARS-COV2 serology in cord blood and it's association with neonatal outcome and maternal COVID-19 status: A prospective observational cohort study	Dr. Sanober Wasim	Dr. Rakesh Kumar Dr. Girish Gupta Dr. Garima Mittal	SRHU	18 Months
78	HIMS	Comparative Study of Parameters between Covid-19& Non Covid 19 Patients attending Tertiary care Hospital	Dr. Kiran Bhat	Dr. Anshul Kala Dr. Vinit Mehrotra Dr. Sohab Ahmad	SRHU	01 Year
79	HIMS	Prevalence of pre diabetes and dyslipidemia in young professionals	Dr. Anita Sharma	Dr. Mayank Kumar Singh	SRHU	01 Year
80	HIMS	A study of Prostate - specific antigen values in diabetic and non diabetic men in Uttarakhand	Dr. Priti Chaturvedi	Dr. Naveen Kumar Rajput	SRHU	01 Year
81	HIMS	A cross-sectional study to assess the impact of disease on the mental health of COVID-19 patients	Dr. Dipak Kumar Dhar	Dr. Abha Shrivastava Dr. Mohd. Yusuf Dr. Anupama Nautiyal	SRHU	01 Year
82	HIMS	A study on the Bacteriological profile and antibiogram of Bacteremia in adults with special reference to multi drug resistant organisms	Dr. Garima Mittal	Shubham Agarwal(MBBS student) Vrinda Gumber(MBBS student)	SRHU	06 months
83	HIMS	A comparative study of P300 event-related potential in patients with bipolar affective disorder across its predominant polarity of presentation.	Dr. Priya Ranjan Avinash(Updated)	Dr. Brijesh Purwar Dr. Abha Shrivastava Dr. Robin Victor	SRHU	12 months

84	HIMS	Exploration of diversity in practiced protocol for ABR acquisition in Neonates/Infants in India: A surveillance study	Ms. Archana Dass -Audiology	Ms. Shubha Tak Ms. Shalini S. Narayanan Dr. S.S Bist	SRHU	03 months
85	HIMS	An exploration of lifestyle induced hearing loss risk and hearing acuity among normal hearing individuals	Ms. Archana Dass -Audiology	Ms. Shubha Tak Ms. Shalini S. Narayanan Dr. S.S Bist Mr. Vikas Kumar	SRHU	03 months
86	HIMS	Extended high frequency PTA normative across gender.	Ms. Archana Dass -Audiology	Ms. Shubha Tak Ms. Shalini S. Narayanan Dr. S.S Bist Mr. Vikas Kumar	SRHU	03 months
87	HIMS	Early Recovery After Surgery in patients undergoing esophagectomy : An retrospective cohort study	Dr. Priya Ramakrishnan	Dr. Sunil Saini Dr. Gurjeet Khurana Dr. Anshika Arora	SRHU	12 Months
88	HIMS	AETCOM module for interns regarding taking Anesthesia consent using Youtubes videos and role play.	Dr. Divya Gupta	-	SRHU	11 months
89	HIMS	Role of Nutritional Supplement and its association along with biochemical markers clinical presentation of COVID -19 patients	Dr. Vinit Mehrotra	-	SRHU	18 months
90	HIMS	Assessment of functional outcomes after distal end radius fracture using patient reported assessment tools	Dr. Ruchit Khera	Dr. Prakhar Maheshwari- JR3	SRHU	12 months
91	HIMS	Awareness regarding standard protocols for gestational diabetes mellitus management in India among medical undergraduates – A descriptive analysis	Dr. Surabhi Mishra	Dr. Neha Sharma Dr. Abhay Srivastava Dr. Jayanti Semwal Ms. Anamika Joshi-MBBS-Batch-2018 Ms. Kezia-MBBS-Batch 2017	SRHU	07 months
92	HIMS	Conversance and Attitude of Budding Clinicians towards Antimicrobial use- A pressing priority	Dr. Anita Sharma	Dr. Mayank Kumar Singh Dr. Garima Mittal Dr. Saurabh Kohli	SRHU	03 months
93	HIMS	Effectiveness of Probiotics and Phototherapy compared to Phototherapy alone in treating hyperbilirubinemia in neonates with gestational age ≥ 35 weeks: a randomized controlled trial	Dr. Suraj Kumar Singh	Dr. Sanober Wasim Dr. Girish Gupta Dr. Rakesh Kumar Dr. Chinmay Chetan	SRHU	04 months
94	HIMS	Anesthesia in Octogenarians, Nonagenarians & Supercentenarians for Hip Surgeries: A 12 years experience	Dr. Gurjeet Khurana	Dr. Parul Jindal Dr. Rajesh Maheshwari Dr. Sreya-Resident Dr. Rubi Vaid, Resident	SRHU	06 months
95	HIMS	To assess cancer chemotherapy induced hearing impairment.	Dr. Juhi Kalra	Dr. Vipul Nautiyal Dr. Lovneesh Kumar Mr. Nabin Yadav-Ph.D scholar, Pharmacology	SRHU	12 months 12 months

96	HIMS	Role of inflammatory markers in prognosis of sputum positive Pulmonary Tuberculosis patients in doiwala block of District Dehradun	Dr. Abha Shrivastava	Dr. A.K Shrivastava Dr. Barnali Kakati Dr. Yusuf Dr. Dipak Kumar Dhar	SRHU	12 months
97	HIMS	Evaluating concordance of culture and sensitivity results of appropriate specimens with empirical antibiotic coverage for patients presenting with suspected sepsis	Dr. Ritika Abrol(JR3)-General Medicine Dr. Arpit Punetha(JR3)-General Medicine	Dr. Sohaib Ahmad Dr. RM Kaushik	SRHU	03 months
98	HIMS	Exploring the clinico-demographic profile and in-hospital outcomes of COVID-19 patients of tertiary care hospital of Uttarakhand during the second wave-A retrospective analysis.	Dr. Jayanti Semwal	Dr. Neha Sharma Dr. Surabhi Mishra Dr. Abhay Shrivastava Dr. Aarti Kotwal Dr. Sundar Lal Jethani Ms. Aakansha Uniyal	SRHU	04 months
99	HIMS	Prevalence of atrial fibrillation in patients with permanent pacemaker implants and the impact of pacing mode on frequency of Atrial Arrhythmias: Single center retrospective study.”	Dr. Anurag Rawat	Dr. Deepak Oberoi Dr. S sreya sri	SRHU	04 months
100	HIMS	The impact of adverse pregnancy outcome on the psychological wellbeing of the women: A hospital based study	Dr. Purnima Upreti	Dr. Priyaranjan Avinash Dr. Rohit Gondwal Dr. Punam Godara-JR	SRHU	06 months
101	HIMS	Clinico-pathological study of epithelial cell ovarian cancers and effect of intraperitoneal chemotherapy on its outcome-single institutional retrospective study in a low socio-economic region	Dr. Shruti Chauhan	Dr. Akash Gaiind Dr. Meenu Gupta Dr. Sunil Saini-Supervisor	SRHU	06 months
102	HIMS	Significance of mandating a dedicated hemovigilance nurse and objectification of imputability scales	Dr. Yashaswi Dhiman	Dr. Manish Raturi Dr. Mansi Kala Dr. Anuradha Kusum	SRHU	01 month
103	HIMS	Attitude of Interns of six Medical colleges of Uttarakhand considering Anaesthesiology as the future career option - Questionnaire based Study.	Dr. Divya Gupta	Dr. Veena Asthana Dr. Sanjay Agrawal, AIIMS, Rishikesh Dr. Gaurav Chopra, Govt Doon Medical College, Dehradun Dr. Urmila Palaria, Govt Medical College,	SRHU	06 months
104	HIMS	Molecular study of Carbapenem resistant clinical isolates of Acinetobacter baumannii in a tertiary care center	Dr. Barnali Kakati	Dr. Vijay Kumar Dr. Nupur Koul, SR, Microbiology	SRHU	24 months
105	HIMS	Impact on healthcare workers of training on an Innovative Peritoneal dialysis training simulator-'GIRIGAR' PD model for neonates: A KAP study.	Dr. Garima Goyal-Post-Doctoral Fellow-	Dr. Girish Gupta Dr. Chinmay Chetan Dr. Rakesh Kumar Dr. Saikat Patra	SRHU	04 months
106	HIMS	Burden of major skin diseases viz. psoriasis, vitiligo, leprosy and acne vulgaris in terms of its impact on health related quality of life (HRQoL)- A cross sectional observational study	Dr. Rashmi Jindal	Syed Aaqid Siraj -MBBS Intern Dr. Sheenam Sethi Shakti Chauhan- MBBS Intern	SRHU	02 months
107	HIMS	Study of outcome of various modalities of management of common bile duct stones in tertiary care hospital.	Dr. Jitendra P. Ray	Ms. Geetika Kriti	SRHU	06 months

108	HIMS	The association between Vitamin D Receptor Gene Polymorphisms and Steroid Receptor Status in women with Breast Cancer	Dr. Archana Prakash	Dr. Meenu Gupta Dr. Sunil Saini	SRHU	12 Months
109	HIMS	Comparing disease presentation and surgical outcome of Breast Cancer in young versus older patients- a retrospective cohort study	Dr. Anshika Arora	Dr. Sunil Saini Dr. Nadia Shirazi Dr. Meenu Gupta Dr. S.K Verma	SRHU	06 months
110	HIMS	Buffet of Lab Investigations: A necessity or hole in patients pocket	Dr. Kiran Bhat	Dr. Vinit Mehrotra Dr. Mansi Kala	SRHU	08 months
111	HIMS	A hospital based observational study of the complications and outcome of scrub typhus	Dr. Sohaib Ahmad	Dr. Mitali Verma Dr. Garima Mittal	SRHU	06 months
112	HIMS	Smartphone addiction and its correlation with academic performance in High School Adolescents.	Dr. Rakesh Kumar	Dr. Alpa Gupta	SRHU	06 months
113	HIMS	Social media use among university students and its impact on sleep, anxiety and depression.	Dr. Rakesh Kumar	Dr. Alpa Gupta Dr. Sanober Wasim	SRHU	03 months
114	HIMS	Development of a radioprotection handcart for radiographic examinations in neonatal intensive care unit (NICU) and a phantom study of its effectiveness as a radiation protection device	Dr. Satish C. Uniyal	Dr. Girish Gupta-Neonatology	SRHU	4 months
115	HIMS	Effect of music therapy ("OM" sound) on vital parameters of newborns in neonatal intensive care unit.	Dr. Shailendra Kumar Singh	Dr. Girish Gupta Dr. Saikat Patra	SRHU	04 months

Himalayan School of Biosciences

S. N		Title of Research Project	Principal Investigator	Co-investigator(s)	Funding Agency	Duration
1	HSBS	Established of behavioral bio-indicators in fresh water stream fish against the specific neurotoxin	Dr Vishal Rajput	Dr Sanjay Gupta (Professor, HSBS); Dr. Archana Dhasmana (Assistant Professor, HSBS)	SRHU	2 years
2	HSBS	Sustainable synthesis of biogenic nano-particles from waste as cost-effective approach for biomedical applications	Dr Archana Dhasmana	Dr Sanjay Gupta (Professor, HSBS); Dr. Geeta Bhandari (Assistant Professor, HSBS)	SRHU	1 year
3	HSBS	Development of bioengineered graft for the treatment in spinal cord injury	Dr Archana Dhasmana	Dr Sanjay Gupta (Professor, HSBS); Dr. Vishal Rajput (Assistant Professor, HSBS); Dr. Abha Shrivastav (Professor, Dept of Physiology, HIMS)	SRHU	2 years
4	HSBS	"Assessment of the effects of air pollution on gene diversity and population structure of the medicinally/economically important Shorea robusta roadside population using SSR markers"	Dr. Akhilesh Kumar	Dr. Vijay Kumar, Assistant Professor	SRHU	2 years
5	HSBS	Molecular study of Carbapenam resistant clinical isolates of Acinetobacter baumannii in tertiary care centre.	Dr. Barnali Kakati	Dr. Vijay Kumar, Assistant Professor	SRHU	2 years

6	HSBS	An effective microbiological growth medium for screening zinc solubilizing microbes	Dr. Vivek Kumar	Dr. Vijay Kumar, Assistnat Professor	SRHU	1 year
7	HSBS	Development of Low Cost Model for Efficient Treatment of Hospital Waste Water	Geeta Bhandari	Sanjay Gupta (Principal, HSBS); Vivek Kumar (Associate Professor, HSBS)	SRHU	1 Year (2022-2023)
8	HSBS	Evaluation of nutritional, antioxidant, biochemical and pharmacological potential of Nutraceuticals formulation from traditional crops of Uttarkhand	Dr. Sanjay Gupta		SRHU	1 year
9	HSBS	An effective microbiological growth medium for screening zinc solubilizing microbes	Dr. Vivek Kumar	Sanjay Gupta-Professor; Vijay Kumar-Assist. Professor	SRHU	2 years
10	HSBS	Evaluation and development of Aloe vera gel based growth medium for microorganisms	Dr. Kumar Sachin	Naresh Khanduri, Asst Prof; Sanjay Gupta, Prof	SRHU	2 years
11	HSBS	Analysis and preservation of nucleic acid samples of COVID-19 for genomic studies	Dr. Vijay Kumar and Dr. Barnali Kakati	Dr. Akhilesh Kuamar, Assistant Professor; Dr. Garima Mittal, Professor; Dr. Rajendra Singh, Assistant Professor	SRHU	2 years
12	HSBS	Studies on different type of Fungi in patients with special focus on Mucormycosis in suspected and confirmed COVID-19 patients in the tertiary care hospital	Dr. Vijay Kumar and Dr. Rajendra Singh	Dr. Akhilesh Kuamar, Assistant Professor; Dr. Garima Mittal, Professor; Dr. Rajendra Singh, Assistant Professor	SRHU	2 years